



**Institute of Transport Studies (Monash)**  
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash  
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World Transit Research Newsletter

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5-2014

# World Transit Research May 2014 Newsletter

Institute of Transport Studies, Monash University

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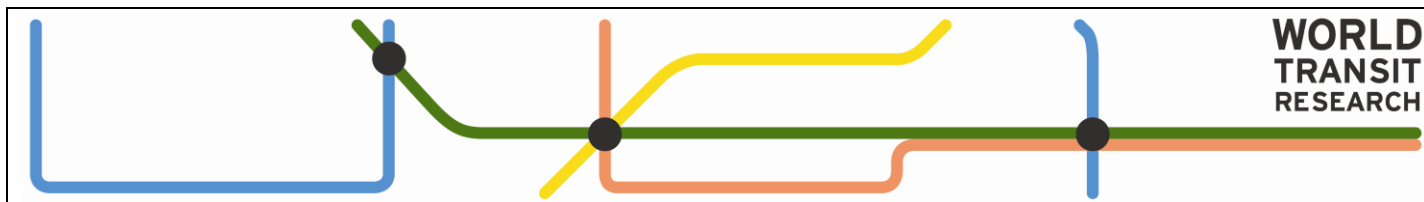
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**MONASH** University



## World Transit Research

### May 2014 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the Twentythird WORLD TRANSIT RESEARCH (WTR) clearinghouse newsletter. This newsletter, which is published bi-monthly, summarises new research published in the field which has been added to the World Transit Research clearinghouse research database.

WTR is now used by public transport researchers in over 7,000 cities and towns in 170 countries worldwide.

#### **BACKGROUND**

World Transit Research (WTR) is designed to help public transport practitioners and researchers get easier access to quality research in the field of public transport planning. WTR is a free repository of research papers, reports, research abstracts and links to research findings from leading research journals indexed and searchable to ensure easier access to topics of interest. The site is developed and run by the [Public Transport Research Group](#) at the Institute of Transport Studies, Monash University. The clearinghouse performs the following functions:

- Search/Find – The database is searchable on key words and also via a list of subject areas
- Newsletter Subscription – Those accessing the website can enrol in a free email newsletter. This broadcasts new publications in the field every 2 months
- Links – links to relevant associated sites are provided
- Submit Research – Researchers can use the website to suggest items for inclusion in the database. Copyright requirements are described.

#### **NEWSLETTER**

Your recommendation can help grow our number of subscribers. Do you know someone interested in public transport research that would like to receive this newsletter? Ask them to go to <http://www.worldtransitresearch.info/> and enter their email address in the box provided under Newsletter.

#### **NEW ADDITIONS**

World Transit Research clearinghouse now includes some 5,163 research reports/papers. Some 73 published papers have been added. The new ones are listed in the attached table. In addition new journals and relevant papers are also occasionally added from previous publication records.

#### **CONTRIBUTE YOUR RESEARCH AND INCREASE YOUR CITATIONS**

Should you have any relevant papers that you think should be included in this repository, please log on to [www.worldtransitresearch.info](http://www.worldtransitresearch.info) and click on the Submit Research icon. The WTR Clearinghouse is a very effective tool to increase author citations of research since it acts to publicise your research to those interested in this field.

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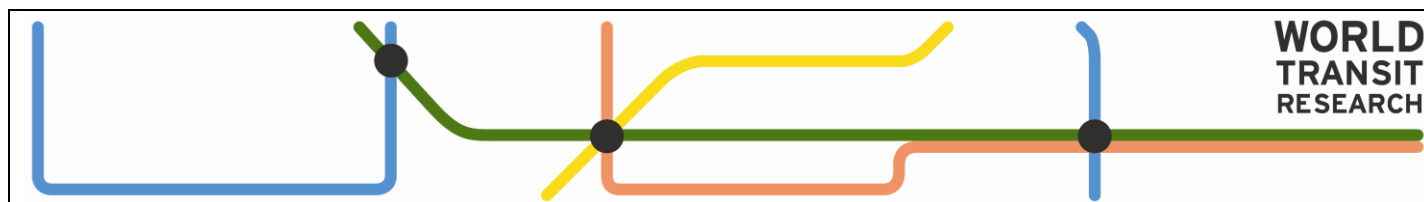
#### **JOURNAL SUBSCRIPTIONS**

Articles on the following two pages denoted with an asterisk \* are from Journals that require a subscription to view the full article.

#### **SUGGESTIONS WELCOMED**

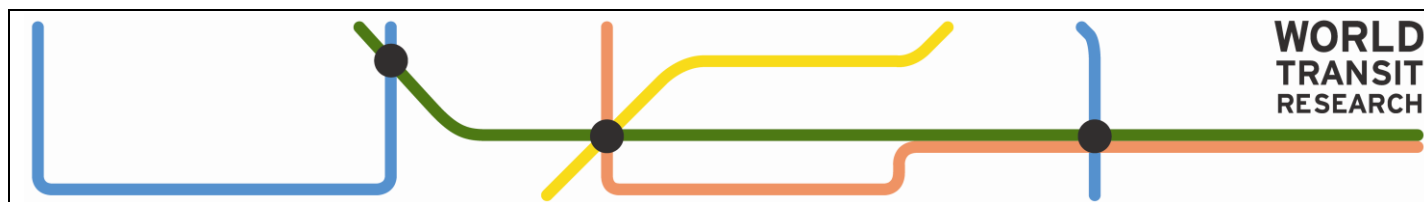
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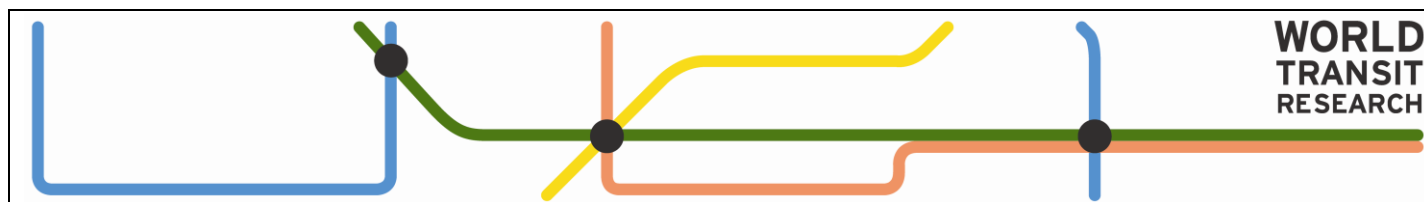


## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
W. G.Z. Tan, L. B. Janssen-Jansen, L. Bertolini	<a href="#"><u>The Role of Incentives in Implementing Successful Transit-Oriented Development Strategies*</u></a>	2014
V. Cacchiani, D. Huisman, M. Kidd, L. Kroon, P. Toth, L. Veelenturf, J. Wagenaar	<a href="#"><u>An overview of recovery models and algorithms for real-time railway rescheduling*</u></a>	2014
H. Kim, S. Kwon, S. K. Wu, K. Sohn	<a href="#"><u>Why do passengers choose a specific car of a metro train during the morning peak hours?*</u></a>	2014
Md. Kamruzzaman, L. Wood, J. Hine, G. Currie, B. Giles-Corti, G. Turrell	<a href="#"><u>Patterns of social capital associated with transit oriented development*</u></a>	2014
W. Y. Szeto, Y. Jiang	<a href="#"><u>Transit assignment: Approach-based formulation, extragradient method, and paradox*</u></a>	2014
N. Tilahun, Y. Fan	<a href="#"><u>Transit and job accessibility: an empirical study of access to competitive clusters and regional growth strategies for enhancing transit accessibility*</u></a>	2014
D. Agostino, B. Steenhuisen, M. Arnaboldi, H. de Bruijn	<a href="#"><u>PMS development in local public transport: Comparing Milan and Amsterdam*</u></a>	2014
S. Chen, C. Claramunt, C. Ray	<a href="#"><u>A spatio-temporal modelling approach for the study of the connectivity and accessibility of the Guangzhou metropolitan network*</u></a>	2014
J. Ribau, R. Viegas, A. Angelino, A. Moutinho, C. Silva	<a href="#"><u>A new offline optimization approach for designing a fuel cell hybrid bus*</u></a>	2014
I. Neelagama	<a href="#"><u>Rapid Transit Investing in Australia's Transport Future</u></a>	2014
S. Mishra, S. Sharma, T. V. Mathew, S. Khasnabis	<a href="#"><u>Multiobjective Optimization Model for Transit Fleet Resource Allocation*</u></a>	2014
M. Trompet, R. Parasram, R. J. Anderson	<a href="#"><u>Benchmarking Disaggregate Customer Satisfaction Scores of Bus Operators in Different Cities and Countries*</u></a>	2014
B. Cummins, G. Spitz, T. P. O'Malley, M. Campbell	<a href="#"><u>How Close Is Close Enough?*</u></a>	2014
M. Arman, S. Labi, K. C. Sinha	<a href="#"><u>Perspectives of the Operational Performance of Public Transportation Agencies with Data Envelopment Analysis Technique*</u></a>	2014
K. D. Zuniga, J. M. Bunker, K. Bevrani	<a href="#"><u>Intraurban Rail Access Policy Implications of Five Revealed Perspectives from a Q-Sorting Exercise in Three Australian Cities*</u></a>	2014
A. Barron, P. C. Melo, J. M. Cohen, R. J. Anderson	<a href="#"><u>Passenger-Focused Management Approach to Measurement of Train Delay Impacts*</u></a>	2014
Y. Yang, D. Gerstle, P. Widhalm, D. Bauer, M. Gonzalez	<a href="#"><u>Potential of Low-Frequency Automated Vehicle Location Data for Monitoring and Control of Bus Performance*</u></a>	2014
R. Nair, C. Coffey, F. Pinelli, F. Calabrese	<a href="#"><u>Large-Scale Transit Schedule Coordination Based on Journey Planner Requests*</u></a>	2014
T-Y. Ma, J-P. Lebacque	<a href="#"><u>Dynamic System Optimal Routing in Multimodal Transit Network*</u></a>	2014
J. M. Bunker	<a href="#"><u>High-Load Transit Line Passenger Transmission and Productiveness Efficiencies*</u></a>	2014
A. Gooze, K. E. Watkins, A. Borning	<a href="#"><u>Benefits of Real-Time Transit Information and Impacts of Data Accuracy on Rider Experience*</u></a>	2014
H. Orth, N. Carrasco, M. Schwertner, U. Weidmann	<a href="#"><u>Calibration of a Public Transport Performance Measurement System for Switzerland*</u></a>	2014
S. Srikukenthiran, D. Fisher, A. Shalaby, D. King	<a href="#"><u>Pedestrian Route Choice of Vertical Facilities in Subway Stations*</u></a>	2014
G. Fletcher, A. El-Geneidy	<a href="#"><u>Effects of Fare Payment Types and Crowding on Dwell Time*</u></a>	2014



C. Brakewood, G. Kocur	<a href="#">Unbanked Transit Riders and Open Payment Fare Collection*</a>	2014
Y. Fan, A. Guthrie	<a href="#">Doing Business Around Transit Corridors*</a>	2014
A. Carrel, A. Halvorsen, J. L. Walker	<a href="#">Passengers' Perception of and Behavioral Adaptation to Unreliability in Public Transportation*</a>	2014
K. N. Habib, M. S. Mahmoud, J. Coleman	<a href="#">Effect of Parking Charges at Transit Stations on Park-and-Ride Mode Choice*</a>	2014
P. Gallagher, W. E. Marshall, C. Atkinson-Palombo	<a href="#">Missing Links How Social Paths Can Improve Pedestrian Accessibility to Light Rail*</a>	2014
R. L. Sanders, J. F. Cooper	<a href="#">Do All Roadway Users Want the Same Things? Results from Roadway Design Survey of San Francisco Bay Area Pedestrians, Drivers, Bicyclists, and Transit Users*</a>	2014
S. Herrigel, M. Laumanns, A. Nash, U. Weidmann	<a href="#">Hierarchical Decomposition Methods for Periodic Railway Timetabling Problems*</a>	2014
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S. Davor, Š. Andreja, Z. Petra	<a href="#">Ergo-assessment of Human Factor for Female Tram Drivers*</a>	2014
Z. Song	<a href="#">Transition to a Transit City Case of Beijing*</a>	2014
X. Zhang, Z. Liu, H. Wang	<a href="#">Lessons of Bus Rapid Transit from Nine Cities in China*</a>	2014
H. Pan, Q. Shen, T. Zhao	<a href="#">Travel and Car Ownership of Residents near New Suburban Metro Stations in Shanghai, China*</a>	2014
N. Duduta	<a href="#">Direct Ridership Models of Bus Rapid Transit and Metro Systems in Mexico City, Mexico*</a>	2014
A. L. Dodero, J. M. Casello, A. R. Molinero Molinero, D. V. Cotera	<a href="#">Evaluating Private Bus Operators' Willingness to Participate in Transit Improvements in Mexico*</a>	2014
P. K. Filho, I-S. Suh	<a href="#">Implementation Cost Comparison of Electric Vehicle Energy Replenishment Technologies for Public Transit Bus Systems*</a>	2014
Z. Huang, R. Liu	<a href="#">Improving Rail Station Access with Feeder Bus Network Optimization and Mode Shifts*</a>	2014
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K. C. K. Goh, G. Currie, M. Sarvi, D. Logan	<a href="#">Road Safety Benefits from Bus Priority An Empirical Study*</a>	2014
E. B. Beaton, E. Bialostozky, O. Ernhof, T. V. Orosz, T. Reiss, D. Yuratovac	<a href="#">Designing Bus Rapid Transit Facilities for Constrained Urban Arterials Case Study of the Selection Process for the Webster Avenue Bus Rapid Transit Running Way Design in New York City*</a>	2014
S. Robinson	<a href="#">Benefits to the Academic Community of Standardization of Bus Transit Automatic Vehicle Location Data*</a>	2014
S. Robinson	<a href="#">Measuring Bus Stop Dwell Time and Time Lost Serving Stop with London iBus Automatic Vehicle Location Data*</a>	2014
L. Sun, Q. Meng, Z. Liu,	<a href="#">Transit Assignment Model Incorporating Bus Dwell Time*</a>	2014
M. Medina, R. Giesen, J. C. Muñoz	<a href="#">Model for the Optimal Location of Bus Stops and Its Application to a Public Transport Corridor in Santiago, Chile*</a>	2014
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R. Mackett	<a href="#">Impact of Concessionary Bus Travel on the Well-Being of Older and Disabled People*</a>	2014
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D. Edwards, K. Watkins	<a href="#">Comparing Fixed-Route and Demand-Responsive Feeder Transit</a>	2014



	<a href="#"><u>Systems in Real-World Settings*</u></a>	
J. Becker, R. Teal, R. Mossige	<a href="#"><u>Metropolitan Transit Agency's Experience Operating General-Public Demand-Responsive Transit*</u></a>	2014
P-F. Kuo, C-W. Shen, L. Quadrioglio	<a href="#"><u>Modeling the Spatial Effects on Demand Estimation of Americans with Disabilities Act Paratransit Services*</u></a>	2014
B. Pessaro, K. F. Turnbull, C. Zimmerman	<a href="#"><u>Impacts to Transit from Variably Priced Toll Lanes Results from U.S. Department of Transportation Urban Partnership Agreements*</u></a>	2014
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W. Clayton, E. Ben-Elia, G. Parkhurst, M. Ricci	<a href="#"><u>Where to park? A behavioural comparison of bus Park and Ride and city centre car park usage in Bath, UK*</u></a>	2014
S. Jain, P. Aggarwal, P. Kumar, S. Singhal, P. Sharma	<a href="#"><u>Identifying public preferences using multi-criteria decision making for assessing the shift of urban commuters from private to public transport: A case study of Delhi*</u></a>	2014
J. Dubé, D. Legros, M. Thériault, F. Des Rosiers	<a href="#"><u>A spatial Difference-in-Differences estimator to evaluate the effect of change in public mass transit systems on house prices*</u></a>	2014
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P. Zhu, H. Dong, C. Wu	<a href="#"><u>Do Residents of Smart Growth Neighborhoods in Los Angeles, California, Travel "Smarter"?*</u></a>	2014
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